

Converting Colors

YIQ(123.3510, -76.2440,
-16.9160)

Have a look what the booklet for
YIQ(123.3510, -76.2440, -16.9160)
contains.

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Color

**YIQ(123.3510, -76.2440,
-16.9160)**

Conversions

Conversions Part 1

Format	Color
Hex	289BB3
RGB	40, 155, 179
RGB Percent	16%, 61%, 70%
CMY	0.8434, 0.3920, 0.2984
CMYK	0.78, 0.13, 0.00, 0.30
HSL	190°, 64%, 43%
HSV	190°, 78%, 70%
XYZ	20.7303, 27.1600, 46.7542
YIQ	123.3510, -76.2440, -16.9160

Conversions

Conversions Part 2

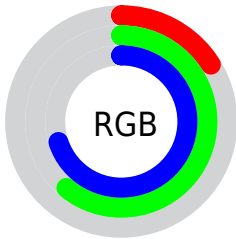
Format	Color
R_{YB}	40, 103, 179
Decimal	2661299
CIE _{Lab}	59.12, -22.83, -21.37
CIE _{LCh}	59, 31.268, 223.102
Yxy	27.1600, 0.2190, 0.2870
Android (android.graphics.Color)	4280851379 (0xFF289BB3)
YUV	123.3510, 27.4350, -73.0988
Hunter-Lab	52.1152, -20.1982, -16.7103

Details

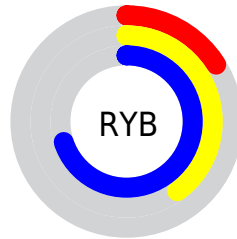
The YIQ color **123.3510, -76.2440, -16.9160** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **95.6490, 76.2440, 16.9160**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **182.3520, -68.8170, -13.8490**, and **75.4120, -69.0460, -15.2060** is the 20% darker color. If you saturate the color by 10%, you get **116.2080, -86.1470, -19.1630**, and if you desaturate by 10%, it is **130.4940, -66.3410, -14.6690**.

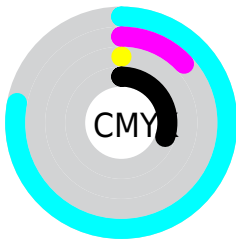
Distribution



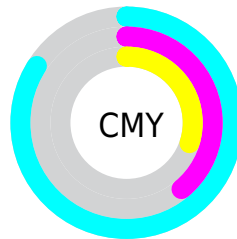
- Red (16%)
- Green (61%)
- Blue (70%)



- Red (16%)
- Yellow (40%)
- Blue (70%)



- Cyan (78%)
- Magenta (13%)
- Yellow (0%)
- Black (30%)



- Cyan (84%)
- Magenta (39%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 123.3510, -76.2440, -16.9160 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 123.3510, -76.2440, -16.9160 by changing the saturation by 10% instead.

■ 123.3510,
-76.2440, -16.9160

■ 123.3510,
-76.2440, -16.9160

■ 255.0000, -0.0000,
-0.0000

■ 93.0510, -84.2670,
-20.1950

■ 182.3520,
-68.8170, -13.8490

■ 75.4120, -69.0460,
-15.2060

■ 210.0380,
-65.0570, -15.9130

■ 57.8870, -54.1460,
-9.9060

■ 228.9870,
-51.8520, -18.4440

■ 41.6500, -40.1170,
-5.3410

■ 237.6580,
-34.5680, -12.2960

■ 26.7010, -26.9590,
-1.5110

■ 246.6280,
-16.6880, -5.9360

■ 4.9360, -11.1430,
9.2170

■ 0.6840, -1.9260,

1.8660

■ 0.0000, 0.0000,
0.0000

■ 123.3510,
-76.2440, -16.9160

■ 123.3510,
-76.2440, -16.9160

■ 116.2080,
-86.1470, -19.1630

■ 130.4940,
-66.3410, -14.6690

■ 109.0650,
-96.0500, -21.4100

■ 137.6370,
-56.4380, -12.4220

■ 107.2820,
-98.1590, -21.7350

■ 144.7800,
-46.5350, -10.1750

■ 151.9230,
-36.6320, -7.9280

■ 158.7670,
-27.3250, -5.8930

■ 165.9100,
-17.4220, -3.6460

■ 173.6400, -7.7940,
-1.9220

■ 180.7830, 2.1090,
0.3250

■ 187.9260, 12.0120,
2.5720

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



124.6650, -62.8090, -23.6170



123.3510, -76.2440, -16.9160



132.9010, -56.7610, -1.0570

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



123.3510, -76.2440, -16.9160



145.9410, 25.9920, 24.5520



139.1110, 20.9560, -16.3560

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



123.3510, -76.2440, -16.9160



95.6490, 76.2440, 16.9160

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



141.5310, 37.6890, -5.7270



123.3510, -76.2440, -16.9160



144.5650, 41.4900, 19.0100

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



123.3510, -76.2440, -16.9160



145.8980, 1.1880, 22.5320



143.1550, 45.1600, 7.5600



136.0200, -3.8930, -23.0690

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



123.3510, -76.2440, -16.9160



139.2780, -38.4690, 8.8510



143.1550, 45.1600, 7.5600



140.5140, 27.1910, -13.7130

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



123.3510, -76.2440, -16.9160



210.8700, -29.1130, -6.5290



124.2150, -45.6080, -65.5440



104.1980, -18.2930, -4.3810



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



123.3510, -76.2440, -16.9160



145.6970, -118.5610, -26.4410



82.8480, -57.2690, 19.1710



85.7220, -5.0890, -1.3850



91.9910, -84.0380, -18.8380



15.2910, -14.1210, -2.8970

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



94.6710, 45.9290, 65.2330



100.9900, 71.2770, 101.4610



136.1520, 57.2690, -19.1710



83.6030, 2.7960, 4.3960



60.2250, 50.4210, 71.9330



10.1680, 8.7550, 12.0430

Previews

White Background



This preview shows how the YIQ color 123.3510, -76.2440, -16.9160 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 123.3510, -76.2440, -16.9160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

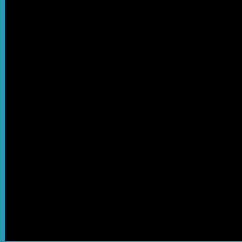
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 123.3510, -76.2440, -16.9160 Background



This preview shows how black text looks on a background with the YIQ color 123.3510, -76.2440, -16.9160.



This preview shows how white text looks on a background with the YIQ color 123.3510, -76.2440, -16.9160.

-16.9160.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

123.3510, -76.2440, -16.9160

Protanopia

141.8110, -12.2890, 7.9590

Deuteranopia

142.2220, -17.7000, 12.4120



Tritanopia

120.3950, -79.5440, -23.1920

Trichromacy



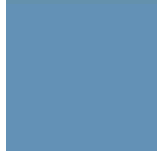
Original Color

123.3510, -76.2440, -16.9160



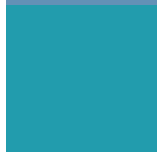
Protanomaly

134.7370, -35.8080, -0.8320



Deuteranomaly

135.4640, -39.2930, 1.7550



Tritanomaly

121.4600, -78.1690, -20.5770

Monochromacy



Original Color

123.3510, -76.2440, -16.9160



Achromatopsia

123.0000, -0.0000, -0.0000



Achromatomaly

123.3540, -27.6000, -6.4160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.3510, -76.2440, -16.9160 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(40, 155, 179)` looks like.

```
.text, #text, p{  
    color:rgb(40, 155, 179)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(40, 155, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 155, 179) }
```

Border

The CSS property to change the border of an element to YIQ 123.3510, -76.2440, -16.9160 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

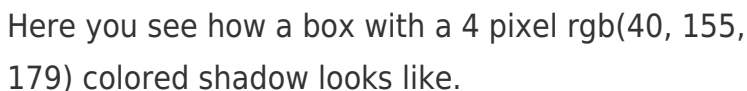
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(40, 155, 179) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(40, 155, 179) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(40, 155, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(40, 155, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(40, 155, 179); box-shadow:4px 4px 4px 4px rgb(40, 155, 179) }
```

Background

The CSS property to change the background color of an element to YIQ 123.3510, -76.2440, -16.9160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 155, 179) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(40, 155,  
179) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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